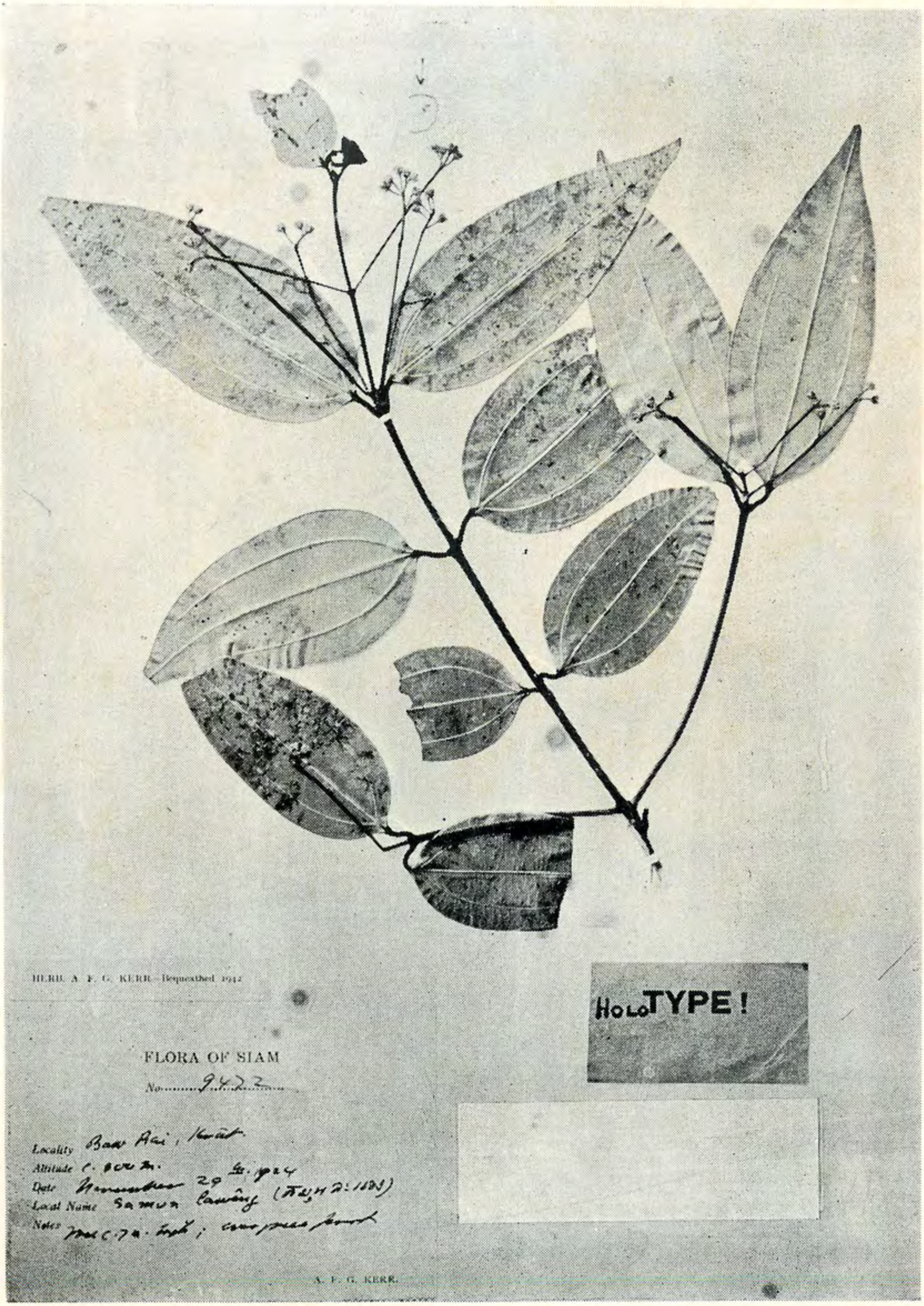


Temmodaphne thailandicum Kosterm.

IX. *TEMMODAPHNE GENUS NOVUM LAURACEARUM*

Arbor mediocris, foliis sub-oppositis tri- vel triplinervis distichis; floribus hermaphroditis paucis racemosii tubus brevis tepalibus aequalibus, staminibus fertilibus 9 antheris bi-locellatis exterioribus 6 introrsis interioribus extrorsis, staminodiis bene evolutis staminibus interioribus glandulis basalis munitis, stylo gracile stigmate minute capitellatis.

Species unicum: Temmodaphne thailandica Kosterm.

Temmodaphne thailandica Kosterm., sp. nov.

Tree c. 7 m high. Branchlets slender, smooth, glabrous. End bud small, minutely sericeous. *Leaves* sub-opposite, thinly coriaceous, glabrous, ovate-elliptic, $3\times6-4.5\times11$, gradually, obscurely acuminate, base contracted into the slender, 5–10 mm long petiole, shortly acutish; upper surface glossy with faintly indicated secondary nerves, the three main nerves prominulous, lower surface also glossy, minutely, smoothly densely reticulate-areolate with numerous, parallel filiform horizontal secondary nerves (2 mm from each other), the 2 almost basal lateral nerves reaching the acumen, slender.

Racemes slender, crowded below the apical bud, very few-flowered, up to 6.5 cm long with a long, bare main peduncle and subapical silvery sericeous flowers. Pedicels slender, up to 4 mm long. *Tube* shallow, 1 mm high. *Tepals* ovate, acutish, 2–2.5 mm long, sericeous inside. *Anthers* narrowly ovate, acutish, 0.5 mm long, filaments slender, glabrous, 1 mm long; outer anthers introrse, inner extrorse; basal glands large on 0.5 mm long stalks. *Staminodes* sagittate, 0.5 mm, stalked. *Ovary* ellipsoid, glabrous; style slender, 0.5 mm, stigma minute, pinhead-shaped.

Typus: Kerr 9472 (BM).

It is a pleasure and a privilege to name this new genus after Mr. Tem Smitinand, Director of the Forest Herbarium, Royal Forest Department, Bangkok, who has done more in Thailand than anybody else, to promote botanical research.

The genus shows a mixture of characters of *Beilschmiedia* and *Cinnamomum*. The flowers are similar to those of *Beilschmiedia*, the shape of the 2-celled anthers matches perfectly that genus.

The subopposite, distichous, triplinerved leaves with the closely packed fine horizontal parallel secondary nerves are those of a *Cinnamomum*. Likewise the inflorescence with a long, unbranched peduncle is similar to that found in *Cinnamomum* species.

The label gives the vernacular name **Samun** (=medicine) **lawaeng,** which points to aromatic properties of the bark, used as a lawang bark.

S.-EASTERN THAILAND: Trat, Bo Rai, Nov., fl., *Kerr 9472* (BM, K).

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